

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------------|------------------|---------|------------------|
| L1 | 0 | ("NaPO.sub.3") and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2006/08/19 19:58 |
| L2 | 2 | ("NaPO3") and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2006/08/19 19:57 |
| L3 | 15 | ("NaPO.sub.3") and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) and ("252"/\$.ccls. "313"/\$.ccls. "427"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:03 |
| L4 | 18 | ("NaPO.sub.3" (Na near3 "PO.sub.3") (Na near3 PO)) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) and ("252"/\$.ccls. "313"/\$.ccls. "427"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:14 |

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| L5 | 701 | (sodium near3 phosphate) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) and ("252"/\$.ccls. "313"/\$.ccls. "427"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:11 |
| L6 | 23 | (sodium near3 phosphite) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) and ("252"/\$.ccls. "313"/\$.ccls. "427"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:11 |
| L7 | 1716 | ((phosphorus near3 pentoxide) "P.sub.2O.sub.5" "P.sub.2 O.sub.5" (potassium near3 phosphate) "k.sub.3PO.sub.4" "k.sub.3 PO.sub.4" (sodium near3 silicate) "Na.sub.2 SiO.sub.3" "Na.sub.2 SiO.sub.3") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:14 |
| L8 | 1 | ("Na PO.sub.3") and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) and ("252"/\$.ccls. "313"/\$.ccls. "427"/\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:14 |
| L9 | 160 | ("NaPO.sub.3" "Na PO.sub.3" (Na near3 "PO.sub.3") (Na near3 PO)) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:20 |

EAST Search History

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|-----|-------|--|-------------------|----|----|------------------|
| L10 | 3 | ((Na with PO3) (Na near3 PO) (sodium with phosphite)) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))))) | EPO; JPO; DERWENT | OR | ON | 2006/08/19 20:21 |
| S1 | 12663 | (P k Na phosphorus sodium potassium k3po4 "k.sub.3 Po.sub.4" "k.sub.3Po.sub.4" "k.sub.3P o.sub.4" "P.sub.2 O.sub.5" p2o5 "P.sub.2O.sub.5" na2sio3 "Na.sub.2 sio.sub.3" "Na.sub.2sio.sub.3") and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 13:12 |
| S2 | 516 | (potassium near3 phosphate) and phosphor | US-PGPUB; USPAT | OR | ON | 2005/08/21 13:10 |
| S3 | 10 | (potassium near3 phosphate) and phosphor | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:10 |
| S4 | 361 | (k3po4 "k.sub.3 Po.sub.4" "k.sub.3Po.sub.4" "k.sub.3P o.sub.4" "P.sub.2 O.sub.5" p2o5 "P.sub.2O.sub.5" na2sio3 "Na.sub.2 sio.sub.3" "Na.sub.2sio.sub.3") and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 13:12 |

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|----|------|---|----------------------|----|----|------------------|
| S5 | 208 | (k3po4 "k.sub.3 Po.sub.4" "k.sub.3Po.sub.4" "k.sub.3P o.sub.4" "P.sub.2 O.sub.5" p2o5 "P.sub.2O.sub.5" na2sio3 "Na.sub.2 sio.sub.3" "Na.sub.2sio.sub.3") and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) and (anode electrode) | US-PGPUB; USPAT | OR | ON | 2005/08/21 13:38 |
| S6 | 0 | ("5936340").URPN. | USPAT | OR | ON | 2005/08/21 13:27 |
| S7 | 1464 | (potassium phosphorus sodium) and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and (mixture paste slurry composition) | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:39 |
| S8 | 594 | (potassium phosphorus sodium) and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and (mixture mixed paste slurry composition) and (percentage wt "%" percent amount) | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:39 |
| S9 | 258 | ((potassium phosphorus sodium) with (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (mixture mixed paste slurry composition) and (percentage wt "%" percent amount) | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:46 |

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|-----|-----|--|-------------------|----|----|------------------|
| S10 | 788 | ((potassium phosphorus sodium "P<SB>2</SB>O<SB>5</SB>" p2o5 "k<SB>3</SB>PO<SB>4</SB>" "na<SB>2</SB>siO<SB>3</SB>" na2sio3 k3po4) with (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (mixture mixed paste slurry composition) | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:49 |
| S11 | 30 | ((("P<SB>2</SB>O<SB>5</SB>" p2o5 "k<SB>3</SB>PO<SB>4</SB>" "na<SB>2</SB>siO<SB>3</SB>" na2sio3 k3po4) with (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (mixture mixed paste slurry composition) | EPO; JPO; DERWENT | OR | ON | 2005/08/21 13:49 |
| S12 | 410 | ("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:24 |

EAST Search History

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|-----|-----|--|--------------------|----|----|------------------|
| S13 | 91 | ((("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:25 |
| S14 | 280 | ((("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$ccls.) and (anode electrode) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:26 |

EAST Search History

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|-----|-----|--|--------------------|----|----|------------------|
| S15 | 42 | ((("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$.ccls.) and (anode electrode) | US-PGPUB; USPAT | OR | ON | 2005/08/21 16:07 |
| S16 | 236 | ("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") and ((luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) same (anode electrode)) and ("313"/\$.ccls. "445"/\$.ccls. 252/301.\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:41 |

EAST Search History

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|-----|------|---|--------------------|----|----|------------------|
| S17 | 91 | ("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K. sub.2WO.sub.4" "K.sub.2O.2B.sub.2O. sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K. sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "kOH and K.sub.2S") and ((luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) same (anode electrode)) and ("313"/461,495-497,485-489.ccls. "445"/\$.ccls. 252/301.\$.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:43 |
| S18 | 2920 | ((phosphorus near3 pentoxide) "P.sub. 2O.sub.5" "P.sub.2 O.sub.5" (potassium near3 phosphate) "k.sub. 3PO.sub.4" "k.sub.3 PO.sub.4" (sodium near3 silicate) "Na.sub.2 SiO. sub.3" "Na.sub.2 SiO.sub.3") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) same (mixture solution suspension paste composition slurry) | US-PGPUB; USPAT | OR | ON | 2006/08/19 20:13 |
| S19 | 53 | ((phosphorus near3 pentoxide) "P.sub. 2O.sub.5" "P.sub.2 O.sub.5" (potassium near3 phosphate) "k.sub. 3PO.sub.4" "k.sub.3 PO.sub.4" (sodium near3 silicate) "Na.sub.2 SiO. sub.3" "Na.sub.2 SiO.sub.3") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) same (mixture solution suspension paste composition slurry) and (313/483-489,495-497,461.ccls. 252/301.\$.ccls. 445/24,25.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 14:54 |

EAST Search History

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|-----|-----|--|------------------------------|----|----|------------------|
| S20 | 13 | ("2522074" "2567769" "3418246" "3458451").PN. OR ("3904546").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/21 15:06 |
| S21 | 5 | ("4595862" "4666548" "5433888" "5523018" "5789858").PN. OR ("6690119").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/21 15:45 |
| S22 | 14 | ("3607371" "4396863" "4459507" "4710674" "4890033" "4952422" "5417886" "5433888").PN. OR ("5523018").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/21 16:07 |
| S23 | 242 | ((("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "K.sub.2S" "P.sub.2O.sub.5" "H.sub.3PO.sub.4" "PBr.sub.3" "POBr.sub.3" "Na.sub.3(PO.sub.4)2" "Na.sub.2HPO.sub.4" "Fe.sub.3(PO.sub.4)" "KH.sub.2PO.sub.4" "NaH.sub.2PO.sub.4" "K.sub.3 PO.sub.4" "K.sub.2 CrO.sub.4" "K.sub.2 CrO.sub.7" "K.sub.2 SO.sub.4" "K.sub.2 MoO.sub.4" "KVO.sub.3" "K.sub.2 WO.sub.4" "K.sub.2 O.2B.sub.2 O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2 CO.sub.3" "K.sub.2 C.sub.2 O.sub.4" "KIO.sub.3" "KNO.sub.3" "K.sub.2 P.sub.2 O.sub.7" KOH "K.sub.2 S" "P.sub.2 O.sub.5" "H.sub.3 PO.sub.4" "PBr.sub.3" "POBr.sub.3" "Na.sub.3(PO.sub.4).sub.2" "Na.sub.2 HPO.sub.4" "Fe.sub.3(PO.sub.4)" "KH.sub.2 PO.sub.4" "NaH.sub.2PO.sub.4") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/21 16:13 |

EAST Search History

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|-----|------|--|--------------------|----|----|------------------|
| S24 | 77 | ((("K.sub.3PO.sub.4" "K.sub.2CrO.sub.4" "K.sub.2CrO.sub.7" "K.sub.2SO.sub.4" "K.sub.2MoO.sub.4" "KVO.sub.3" "K.sub.2WO.sub.4" "K.sub.2O.2B.sub.2O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2CO.sub.3" "K.sub.2C.sub.2O.sub.4" KI "KIO.sub.3" "KNO.sub.3" "K.sub.2P.sub.2O.sub.7" "K.sub.2S" "P.sub.2O.sub.5" "H.sub.3PO.sub.4" "PBr.sub.3" "POBr.sub.3" "Na.sub.3(PO.sub.4)2" "Na.sub.2HPO.sub.4" "Fe.sub.3(PO.sub.4)" "KH.sub.2PO.sub.4" "NaH.sub.2PO.sub.4" "K.sub.3 PO.sub.4" "K.sub.2 CrO.sub.4" "K.sub.2 CrO.sub.7" "K.sub.2 SO.sub.4" "K.sub.2 MoO.sub.4" "KVO.sub.3" "K.sub.2 WO.sub.4" "K.sub.2 O.2B.sub.2 O.sub.3" "KCr(SO.sub.4).sub.2" KBr "KBrO.sub.3" "K.sub.2 CO.sub.3" "K.sub.2 C.sub.2 O.sub.4" "KIO.sub.3" "KNO.sub.3" "K.sub.2 P.sub.2 O.sub.7" KOH "K.sub.2 S" "P.sub.2 O.sub.5" "H.sub.3 PO.sub.4" "PBr.sub.3" "POBr.sub.3" "Na.sub.3(PO.sub.4).sub.2" "Na.sub.2 HPO.sub.4" "Fe.sub.3(PO.sub.4)" "KH.sub.2 PO.sub.4" "NaH.sub.2PO.sub.4") same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (252/301.\$ccls.) and (ZnO zn?mg?O "ZnGa.sub.2 O.sub.4" "ZnGa.sub.2O.sub.4" "La.sub.2 O.sub.2 S" "La.sub.2O.sub.2S" "gd.sub.2 O.sub.2 S" "gd.sub.2O.sub.2S" "Lu.sub.2 O.sub.2 S" "lu.sub.2O.sub.2S")) | US-PGPUB; USPAT | OR | ON | 2005/08/21 16:33 |
| S25 | 2735 | ((K potassium P phosphorus sodium Na) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) and (tungsten W "WO.sub.3") and ("313"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 07:45 |

EAST Search History

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|-----|-----|---|------------------------------|----|----|------------------|
| S26 | 485 | ((K potassium P phosphorus sodium Na) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) same (tungsten W "WO.sub.3")) and ("313"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 07:46 |
| S27 | 35 | ((potassium phosphorus sodium) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) same (tungsten "WO.sub.3")) and ("313"/\$.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 07:50 |
| S28 | 258 | ((potassium phosphorus sodium K Na P) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) same (W tungsten "WO.sub.3")) and ("313"/483-489, 495-497,461.ccls. 252/301.\$ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 08:20 |
| S29 | 9 | ("2921201" "3846662" "4430598"). PN. OR ("4468589").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/08/22 07:56 |
| S30 | 1 | ((potassium phosphorus sodium K Na P) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member)))) same (W tungsten "WO.sub.3")) and ("313"/513-522.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 08:00 |

EAST Search History

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| S31 | 22 | ((potassium phosphorus sodium K Na P) and (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) and (W tungsten "WO. sub.3")) and ("313"/513-522.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 08:12 |
| S32 | 1 | "4551397".pn. | US-PGPUB; USPAT | OR | ON | 2005/08/22 08:12 |
| S33 | 21 | ((potassium phosphorus sodium K Na P) same (luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission (light near3 (emissive emitting emission) near3 (region structure element layer film member))) same (ZnO?Zn (ZnO with zinc))) and ("313"/483-489, 513-522,495-497,461.ccls. 252/301.\$ ccls.) | US-PGPUB; USPAT | OR | ON | 2005/08/22 16:40 |
| S34 | 14 | "55086872" "11172240" "10062917" "01182390" "63061082" "04106848" | EPO; JPO; DERWENT | OR | ON | 2005/11/30 15:28 |
| S35 | 6048 | 252/301.\$3.ccls. | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:19 |
| S36 | 1520 | 252/301.\$3.ccls. and (tungsten W WO) and (sodium potasium phosphorus Na K P) | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:27 |
| S37 | 204 | 252/301.5.ccls. | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:40 |
| S38 | 1579 | 252/301.\$3.ccls. and (tungsten tungstate W WO) and (sodium potasium phosphorus Na K P) | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:29 |
| S39 | 96 | 252/301.\$3.ccls. and ((tungsten tungstate W WO) same (sodium potasium phosphorus Na K P)) and (paste slurry) | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:39 |
| S40 | 97 | 252/301.\$3.ccls. and (("CaWO.sub.4" tungsten tungstate W WO) same (sodium potasium phosphorus Na K P)) and (paste slurry) | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:39 |
| S41 | 81 | 252/301.5.ccls. and (potasium phosphorus sodium NA P K) | US-PGPUB; USPAT | OR | ON | 2006/01/31 17:41 |

EAST Search History

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|-----|-----|--|------------------------------|----|----|------------------|
| S42 | 29 | ("2322265" "3289100" "3459674" "3560397" "4152483" "4275333" "4699662" "5077088" "5120619" "5138171" "5250366" "5363012" "5455489" "5478499" "5507976" "5518808" "5536383" "5549843" "5571451" "5601751" "5618216" "5619098" "5965192").PN. OR ("6254805").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/31 18:15 |
| S43 | 58 | ("2415129" "2452518" "2554999" "2577161" "2623858" "2697077" "2925532" "3080325" "3236781" "3623996" "3649553" "3655575" "3661791" "4081398" "4116864").PN. OR ("4275333").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/31 18:41 |
| S44 | 16 | ("3700479" "4275333" "4409306").PN. OR ("4680231").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/31 18:52 |
| S45 | 162 | ("na.sub.2 sio.sub.3" "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (p?sub?2 near3 o?sub?5)) and S35 | US-PGPUB; USPAT | OR | ON | 2006/01/31 18:56 |
| S46 | 272 | ("na.sub.2 sio.sub.3" "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (p?sub?2 near3 o?sub?5)) and "313"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/02/01 17:04 |
| S47 | 5 | ("4595862" "4666548" "5433888" "5523018" "5789858").PN. OR ("6690119").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/31 19:25 |
| S48 | 258 | S46 not S45 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/31 19:40 |
| S49 | 1 | "20040100181" | EPO; JPO; DERWENT | OR | ON | 2006/01/31 19:54 |
| S50 | 1 | 2004-423841.NRAN. | DERWENT | OR | ON | 2006/01/31 19:40 |
| S51 | 1 | "6690119".pn. | EPO; JPO; DERWENT | OR | ON | 2006/02/01 13:32 |
| S52 | 1 | "6690119" | EPO; JPO; DERWENT | OR | ON | 2006/02/01 14:01 |
| S53 | 1 | 2003-521892.NRAN. | DERWENT | OR | ON | 2006/02/01 13:32 |
| S54 | 1 | "5356519".pn. | EPO; JPO; DERWENT | OR | ON | 2006/02/01 14:02 |
| S55 | 1 | "5356519".pn. | US-PGPUB; USPAT | OR | ON | 2006/02/01 14:02 |

EAST Search History

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| S56 | 534 | ("na.sub.2 sio.sub.3" (sodium near3 silicate) "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" (potassium near4 phosphate) "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (phosphorus near3 (oxide pentaoxide pentoxide)) (p?sub?2 near3 o?sub?5)) and "313"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2006/02/01 17:05 |
| S57 | 838 | ("na.sub.2 sio.sub.3" (sodium near3 silicate) "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" (potassium near4 phosphate) "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (phosphorus near3 (oxide pentaoxide pentoxide)) (p?sub?2 near3 o?sub?5)) and ("313"/\$.ccls. 252/301.\$2.ccls.) | US-PGPUB; USPAT | OR | ON | 2006/02/01 17:06 |
| S58 | 783 | ("na.sub.2 sio.sub.3" (sodium near3 silicate) "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" (potassium near4 phosphate) "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (phosphorus near3 (oxide pentaoxide pentoxide)) (p?sub?2 near3 o?sub?5)) and ("313"/\$.ccls. 252/301.\$2.ccls.) and (paste slurry composition mixture) | US-PGPUB; USPAT | OR | ON | 2006/02/01 17:07 |
| S59 | 679 | ("na.sub.2 sio.sub.3" (sodium near3 silicate) "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" (potassium near4 phosphate) "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (phosphorus near3 (oxide pentaoxide pentoxide)) (p?sub?2 near3 o?sub?5)) and ("313"/\$.ccls. 252/301.\$2.ccls.) and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) | US-PGPUB; USPAT | OR | ON | 2006/02/01 17:11 |

EAST Search History

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|-----|-----|--|-------------------|----|----|------------------|
| S60 | 298 | ("na.sub.2 sio.sub.3" (sodium near3 silicate) "na.sub.2sio.sub.3" (na?sub?2 near3 sio?sub?3) "k.sub.3 po.sub.4" (potassium near4 phosphate) "k.sub.3po.sub.4" (k?sub?3 near3 po?sub?4) "p.sub.2 o.sub.5" "p.sub.2o.sub.5" (phosphorus near3 (oxide pentaoxide pentoxide)) (p?sub?2 near3 o?sub?5)) and ("313"/\$.ccls. 252/301.\$2.ccls.) and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) and (zno mgo zno?zn "o.sub.2 s" (o?sub?2 near3 s) "znGa.sub.2 o.sub.4" "znGa.sub.2o.sub.4" (znGa?sub?2 near3 o?sub?4)) | US-PGPUB; USPAT | OR | ON | 2006/02/01 18:48 |
| S61 | 1 | "2542336".pn. | US-PGPUB; USPAT | OR | ON | 2006/02/01 18:15 |
| S62 | 100 | (p2o5) and (paste slurry composition mixture) and (luminescen\$3 cathod\$luminescen\$3 photo\$luminescen\$3 phosphor fluorophor luminophor fluorescen\$3 phosphorescen\$3 light\$emissive light\$emitting light\$emission ((luminous (light near3 (emissive emitting emission)))) near3 (region structure element layer film member))) | EPO; JPO; DERWENT | OR | ON | 2006/08/19 19:56 |